



**Indo-US Bilateral Workshop**

**On**

**PLANT GENOMICS IN CROP IMPROVEMENT  
WITH REFERENCE TO BIOTIC AND ABIOTIC STRESSES**

**25<sup>th</sup> – 27<sup>th</sup> February 2010**



**Sponsored by  
Indo-US Science and Technology Forum, New Delhi**

**Organized by  
Department of Biotechnology and Molecular Biology  
CCS Haryana Agricultural University, Hisar-125004  
INDIA  
[www.hau.ernet.in](http://www.hau.ernet.in)**

## **Theme**

Genomics and biotechnology are the modern tools for understanding plants at the various biological and environmental levels, as well as boosting classical plant breeding techniques. An array of novel technologies have emerged that are now permitting researchers to identify the genetic underpinnings of crop improvement, namely the genes that contribute to the improved productivity and quality of modern crop varieties. Application of these technologies will substantially improve plant breeding, farming and food processing. In particular, the genomic technologies will enhance our ability to improve crops. Plant genomics and biotechnology could potentially transform agriculture into a more knowledge-based business. The workshop will emphasize new progress on plant genomics, and aims at the promotion of the development of agro-biotechnologies. The organizers have invited leading scientists and experts in the relevant areas both in India and in USA to present their latest scientific discoveries. It will provide an excellent platform for developing research programmes of mutual benefit. It will also give exposure to young researchers including Ph.D. students to know innovative technologies and latest in plant genomics. Discussion and interaction among Indian and US researchers will bring new partnerships for developing collaborative programmes in Agricultural biotechnology.

## **About venue**

**Chaudhary Charan Singh Haryana Agricultural University** popularly known as **HAU**, is one of Asia's biggest agricultural universities, located at Hisar in the Indian state of Haryana. It was established on February 2, 1970 and has been renamed as "Chaudhary Charan Singh Haryana Agricultural University" after India's seventh Prime Minister, Chaudhary Charan Singh. It is a leading Institute in national agricultural research and has contributed significantly to Green Revolution and White Revolution in India in the 1960s and 70s. It has a very large campus and has several research centres throughout the state. It won the Indian Council of Agricultural Research's Award for the Best Institute in 1997. It is reachable from Delhi by train as well as bus. The main campus of the University is situated at Hisar at a distance of 169 KM North-West of Delhi on National Highway No.10 and is 2 ½ KM from the railway station and 3 KM from the Bus Stand. The University is spread over an area of 7219 Acres at Hisar with farm area of 6483 acres and 1426 acres at outstations.

## **Registration**

The conference will be open to registered delegates only. Registration form may be filled in and mailed to reach by 15<sup>th</sup> February, 2010.

**Registration Fee:     Rs. 2,000 for Scientists/Teachers**  
**Rs. 750 for Research Fellows and Students**

## **List of Confirmed Speakers:**

1. Dr Karim Maredia, Michigan State University, East Lansing, USA (Organizing Secretary, USA)
2. Dr. David Douches, Michigan State University, East Lansing, USA
3. Dr. Martin Dickman, Texas A&M University, College Station, USA

4. Dr. Desh Pal Verma, Ohio State University, Columbus, USA
5. Dr. Thea Wilkins, Texas Tech University, Lubbock, USA
6. Dr. Abhaya Dandekar, University of California, Davis, USA
7. Dr. Cliff Weil, Purdue University, West Lafayette, USA
8. Dr. C. S. Prakash, Tuskegee University, Tuskegee, USA,
9. Dr. Kulvinder Gill, Washington State University, Pullman, USA
10. Dr. Steve Rounsley, University of Arizona, Tucson, USA
11. Dr CT Hash, ICRISAT, Hyderabad
12. Dr. Rakesh Tuli, NBRI, Lucknow
13. Dr P. Ananda Kumar NRCPB, N.Delhi
14. Dr Anil Grover, University of Delhi South Campus, New Delhi
15. Dr. KC Bansal, NRC on Plant Biotechnology, IARI, N. Delhi
16. Dr Vidya Gupta NCL Pune
17. Dr. K.Veluthambi, Madhurai Kamraj University
18. T. Mohapatra, NRCPB, N.Delhi
19. NK Singh, NRCPB, N.Delhi
20. Dr RA Sharma, Rajasthan Agril. University, Bikaner
21. Dr P. Chakrabarty, Central Cotton Research Institute, Nagpur
22. Dr. S. Dhillon, CCS Haryana Agricultural University, Hisar
23. Dr. Kuldeep Singh, Punjab Agril University, Ludhiana
24. Dr. K.S. Boora, CCS Haryana Agricultural University, Hisar
25. Dr. R.K. Jain, CCS Haryana Agricultural University, Hisar
26. Dr. Neelam R. Yadav, CCS Haryana Agricultural University, Hisar

#### **Organizing Committee**

**Patron-in-Chief:** **Dr. K.S. Khokhar, Vice Chancellor, CCS Haryana Agricultural University, Hisar-125004, INDIA**

**Patrons:** **Dr. R.P. Narwal, Director of Research**

**Dr. V.K. Chowdhury, Dean College of Basic Sciences and Humanities**

**Dr. R.K. Kashyap, Director, Human Resource Management**

**Chairperson** **Dr. S. Dhillon, Professor and Head, Department of Biotechnology and Molecular Biology**

**Organizing Secretary (INDIA):** **Dr. Ram C. Yadav, Professor, Department of Biotechnology and Molecular Biology**

**Organizing Secretary (USA):** **Dr. Karim Meredia, Professor, Michigan State University, East Lansing, USA**

**Conveners:** **Dr. R.K. Patel, Assoc. Director Directorate of Human Resource Management**

**Dr. Neelam R. Yadav, Professor, Department of Biotechnology and Molecular Biology**

**Strategic Planning Committee:**

Dr. S. Dhillon, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. K.S. Boora, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. R.K. Jain, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. V.K. Sikka, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. R.C. Yadav, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. Neelam R. Yadav, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr.P. Kharb, Department of Biotechnology, CCS Haryana Agril. University, Hisar  
Dr. R.K. Behl, Department of Plant Breeding, CCS Haryana Agril. University, Hisar  
Dr. Ram Kumar, Department of Plant Breeding, CCS Haryana Agril. University, Hisar  
Dr. R.K. Sheoran, Department of Plant Breeding, CCS Haryana Agril. University, Hisar  
Dr. Ashok Chhabra, Department of Plant Breeding, CCS Haryana Agril. University, Hisar  
Dr. Rajesh Gera, Department of Microbiology, CCS Haryana Agril. University, Hisar  
Dr. Gaj Raj Singh, Department of Genetics, CCS Haryana Agril. University, Hisar  
Dr. Harish Gulati, College of Animal Sciences, CCS Haryana Agril. University, Hisar  
Mr.Ram Niwas, Computer Section, CCS Haryana Agril. University, Hisar

**Call for Papers:**

All invited presentations on focal theme areas will be made by leading scientists from India and USA. Contributory papers for poster presentations are invited. Scientists, young researchers and students who are engaged in Plant genomics related research in biotic and abiotic stress are welcome. An abstract of their presentation of 250 words in New Times Roman, font size 12 for the text and 14 for the title may be sent through email to Organizing Secretary ([rcyadavbiotech@rediffmail.com](mailto:rcyadavbiotech@rediffmail.com)) by 15<sup>th</sup> Feb. 2010. Acceptance will be communicated through email by 17<sup>th</sup> Feb., 2010. Poster should be 90x120 cms.

**Accommodation:**

The request for accommodation should be indicated on registration form. The participants will be accommodated in University Guest House as per university rules.

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**Registration Form**

Name (in Block letters):

Designation:

Organization:

Mailing Address:

E-mail:

Phone (Off/Mob):

a) Age

b) Sex :

Qualification/Specialization:

Present field of research:

I am interested in contributing a Poster: Yes / No

Title of the paper:

Amount..... Bank Draft No.....

Dated..... Drawn on (Name of Bank) .....

City.....

Accommodation needed : Yes /No

Shared / Independent

Date :

Signature of the Participant

The duly filled "Registration form" and "Abstract" can be sent by email to [rcyadavbiotech@rediffmail.com](mailto:rcyadavbiotech@rediffmail.com) and the fee in the form of D.D drawn at SBI, Hisar in favour of "Organizing Secretary, Indo-US Bilateral workshop" should reach Dr. Ram C. Yadav, Organizing Secretary, Department of Biotechnology and Molecular Biology, CCS Haryana Agricultural University, Hisar-125004 (Ph: +91-9416336394, 01662-289407; email: rcyadavbiotech@rediffmail.com) latest by 15<sup>th</sup> February, 2010 along with the abstract of the paper to be presented.



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**Organizing Committee**

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Vice Chancellor, CCS HAU, Hisar

**Patrons:** Dr. R.P. Narwal,  
Director of Research  
Dr. V.K. Chowdhury,  
Dean, COBS&H  
Dr. R.K. Kashyap,  
Director, HRM

**Chairperson:** Dr. S. Dhillon,  
Professor and Head, Department of  
Biotechnology and Mol. Biology

**Organizing Secretary (INDIA):**

Dr. R.C. Yadav,  
Professor, Department of Biotechnology  
and Mol. Biology

**Organizing Secretary (USA) :**

Dr. Karim Maredia,  
Professor, Michigan State University,  
East Lansing, MI48824, USA

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Directorate of HRM  
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Dr. Neelam R. Yadav  
Dr. P. Kharb  
Dr. R.K. Behl  
Dr. Ram Kumar  
Dr. R.K. Sheoran  
Dr. Ashok Chhabra  
Dr. Rajesh Gera  
Dr. Gaj Raj Singh  
Dr. Harish Gulati  
Mr. Ram Niwas

**INVITATION**

We are pleased to inform that the Department of Biotechnology and Molecular Biology, CCS Haryana Agricultural University is organizing an Indo-US Bilateral Workshop on “Plant Genomics in crop improvement with reference to biotic and abiotic stresses funded by Indo-US Science and Technology Forum, New Delhi from 25<sup>th</sup> -27<sup>th</sup> Feb. 2010 in collaboration with Michigan State University, USA. The workshop will provide an excellent platform for developing research programmes of mutual benefit. It will also provide exposure to young researchers including Ph.D. students to know innovative technologies. Discussion and interaction among US and Indian researchers will bring new partnerships for developing collaborative programmes in Agricultural biotechnology.

I take this opportunity to request you to kindly give wide publicity to the concerned department of your institution and nominate scientists currently active in Agricultural Biotechnology by 15<sup>th</sup> Feb., 2010. The young faculty and Ph.D. scholars are encouraged to participate.

We look forward to your participation in the workshop. Please email at [rcyadavbiotech@rediffmail.com](mailto:rcyadavbiotech@rediffmail.com) for further information.

Thanking you

Yours Sincerely

(Dr. R.C. Yadav)  
**Organizing Secretary**

(Dr. S. Dhillon)  
**Chairperson**